



Juliano Trista Mercy J

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LANGUAGES KNOWN

- Tamil (Read, write and speak)
- English (Read, write and speak)

EXPERIENCE

- **Production Engineer**
Perfura Technologies private limited
1.Provided engineering excellence by planning accordingly for five existing products.
2. Handling all phases of manufacturing from concept through production launch.
3.Investigate and analyze problems and devise solutions that save money,time and materials.
and excelled in quality control.

EDUCATION

- | | |
|----------------|--|
| 2017 -
2021 | • B.Tech.(Agricultural Engineering)
AEC&RI, Kumulur, TNAU
7.96/10 |
| 2016 -
2017 | • SRV Matric Higher Secondary School
XII grade
92.4% |
| 2014 -
2015 | • St.James Higher Secondary School
X grade
98.4% |

AREAS OF INTEREST

- Soil and water conservation management
- Tractor design and manufacturing
- Agricultural processing and packaging
- Micro Irrigation and Design engineering
- Energy audit

PROJECTS

- **Design and development of moringa depodding machine**
Separation of dehulled seeds without any physical damage from the dried moringa pod and to determine the performance efficiency of the depodding machine.

EXPERIENTIAL LEARNING

- Design and installation of drip irrigation system for paddy
- Case study on water measuring devices
- Groundwater quality assessment in AEC&RI, kumulur
- Fertigation and maintenance of drip irrigation system

INDUSTRIAL VISIT

- Impact assessment of tsunami affected areas, Vedharanyam
- Indian Institute of Food Processing Technology, Tanjore
- Thottiyam Banana Producer Group, Tiruchirappalli
- Tiruchirappalli District Co-operative Milk Producers' Union Limited

TRAININGS ATTENDED

- Industrial Training at Ramakumar Industries, Coimbatore - May'18
- Agricultural Engineering Department, Tiruchirappalli - Aug'20
- Personality development program conducted by DHAN foundation - April'21
- Virtual training on "Hydrological studies for water resources modelling" in Centre for Flood Managements Studies, Guwahati - May'21 to June'21
- Virtual internship organized by College of Agricultural Engineering, UAS, Raichur - June'21 to July'21
- Industrial training at Signet Industries, Tamilnadu - July'21 to Aug'21
- NAHEP-IDP Entrepreneurship course on "Protected cultivation for high value crops - Design and Installation" by Mahindra EPC, Irrigation Ltd., - Feb'21
- ICAR - NAHEP sponsored TNAU - IDP course on "IOT In Agriculture" - Feb'21

COMPUTER PROFICIENCIES

- AutoCAD 2D, Solidworks 3D, MS Office, ArcGIS, Surfer

ACHIEVEMENTS & AWARDS

- Won first place in kabadi conducted by Sports Development of Authority of Tamilnadu, Tiruchirappalli - May'14
- Runner up in ball badminton in the Annual Sports Meet at AEC&RI, Kumulur - Jan'19
- Joint secretary of Indoor games during the year 2021, AEC&RI, Kumulur
- Attended National webinar on "Advances and future outlooks in renewable energy engineering"
- Sports representative during the year 2018 -2019
- Volunteer experience at NSS camp - May'19

CERTIFICATIONS

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- Diploma in Computer Applications (DCA) - Nov'13 to May'14
- Course on "IOT in agriculture" at EDII - Tiruchirappalli Agribusiness Incubation Forum - Feb'21

INTERESTS

- Sports - Ball badminton
- Volunteering
- Reading books

PERSONAL DETAILS

- Date of Birth : 21/09/1999
- Marital Status : Single
- Nationality : Indian

DECLARATION

- I hereby declare that the above details furnished by me are true to my knowledge.

J Juliano Trista Mercy